



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division  
(7511C) 401 M St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

70870-1

Date of Issuance:

JUN 28 1999

NOTICE OF PESTICIDE:

X  Registration  
    Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Agricure

Name and Address of Registrant (include ZIP Code):

H & I Agritech, Inc.  
95 Brown Road Box 1030  
Ithaca, NY 14850-1257

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(2)(B) and section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the following label change before you release the product for shipment:

a. Revise the label by changing "EPA Reg. No." to "EPA Reg. No. 70870-1."

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

6/30/99

# of pages ▶

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To

Len Hauvert

From

D Greenway

Dept./Agency

H & I Agritech

Phone #

703 308 8263

Fax #

607 266 0193

Fax #

703 305 0118

NSN 7540-01-317-7368

5099-101

GENERAL SERVICES ADMINISTRATION

Signature of Approving Official:

*JZH see next page*

Date:

JUN 28 1999

REG FORM

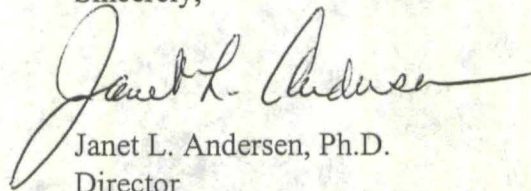


3. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "Janet L. Andersen", with a long, sweeping horizontal line extending to the right.

Janet L. Andersen, Ph.D.  
Director  
Biopesticides and Pollution  
Prevention Division (7511C)

Enclosure



# ROUTING AND TRANSMITTAL SLIP

Date 6/28/99

(Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. Sheryl pls concur		
2. Janet pls sign	<i>[Signature]</i>	6/28
3. Denise stamp, issue, file etc		
4.		
5.		

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

## REMARKS

re: me-too product citing exclusive use data

Please sign this registration notice for a new potassium bicarbonate end use product. The parent registration is the Church & Dwight EP 10772-4. C&D also holds the MUP registration of the ai, which was 1st registered in Dec., 1994. C&D does not object to the me-too product.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Phone No.

5041-102

☆ U.S. G.P.O.: 1994 300-891/80020

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206



**Master Label****AGRICURE**

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS

**ACTIVE INGREDIENT:**

Potassium Bicarbonate.....85.00%

INERT INGREDIENTS:.....15.00%

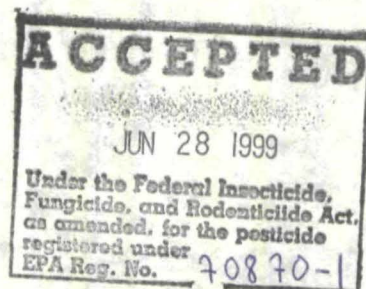
TOTAL.....100.00%

A: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD

B: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD - WATER  
SOLUBLE PACKAGING LABEL

C: SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL  
APPLICATORS (NOT SUBJECT TO WORKER PROTECTION  
STANDARD)

EPA Reg. No.





SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD

AGRICURE

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS

This package can treat up to \_\_\_\_\_ acre(s) at the recommended maximum treatment rate

ACTIVE INGREDIENT:

Potassium Bicarbonate.....85.00%

INERT INGREDIENTS.....15.00%

TOTAL.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the Statement of Practical Treatment.

Net weight: 2.5 lbs (1.14 kg)  
5 lbs (2.27 kg)  
10 lbs. (4.54 kg)  
25 lbs. (11.35 kg)  
50 lbs. (22.7 kg)  
100 lbs. (45.4 kg)

Produced For:

H & I AGRITECH, INC.  
95 BROWN ROAD BOX 1030  
ITHACA, NY 14850 - 1257

EPA REG. NO.  
EPA EST. NO.

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**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call physician or get medical attention. Do not induce vomiting. Drink several glasses of water to dilute the product. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.





Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Prevent exposure to moisture. Keep container tightly closed and out of the reach of children. Avoid contamination with other pesticides or fertilizers.

**PESTICIDE SPILL PROCEDURE:** In case of a spill, carefully sweep up the material to avoid generating dust. Store in a labeled container for disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### GENERAL INFORMATION

AGRICURE is a broad spectrum fungicide that controls a variety of diseases on woody and herbaceous ornamental crops, and on agricultural crops.



AGRICURE is applied with ground equipment using a sufficient volume of water to insure complete coverage of all foliage.

**IMPORTANT:** Read the entire label before using AGRICURE. Consult your State Agricultural Experiment Station or Extension Service Specialist for additional information on timing of applications, rates, and any additional requirements or restrictions

## MIXING INSTRUCTIONS

AGRICURE must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

1. Fill tank with 1/4 to 1/2 of the required volume of water prior to the addition of AGRICURE. Start mechanical or hydraulic agitation.
2. Slowly add the required amount of AGRICURE to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

**DO NOT MIX WITH OTHER PESTICIDE PRODUCTS OR SPRAY ADJUVANTS.**

## SPRAY APPLICATION METHOD

For best results, use a properly calibrated, high pressure sprayer. Check equipment calibration frequently. Do not apply this product through any type of irrigation system

Apply at a concentration of 2.5 to 5 pounds of AGRICURE per acre, in 100 to 200 gallons of water. Use a sufficient volume of solution to obtain adequate coverage of foliage and stems. Apply so that all exposed parts of the plants are contacted. Uniform and complete coverage of the foliage are essential for the most effective results. Do not exceed a use rate of 5 pounds of AGRICURE per acre, per application.

Do not store unused spray solution. Dispose of unused solution on site.

## APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather.



## ORNAMENTAL APPLICATIONS:

### PLANT TYPES

Woody and ornamental shade trees  
Woody and herbaceous ornamentals  
Ornamental nut and fruit trees

### FOR USE ON:

Ageratum  
Ajuga  
Almond-Ornamental  
Alyssum  
Andromeda  
Aphelandra  
Apple-Ornamental  
Apricot-Ornamental  
Artemisia  
Aster  
Azalea  
Boxwood  
Calendula  
Carnation  
Centaurea montana  
Cherry-Ornamental  
Chrysanthemum  
Cineraria  
Coleus  
Columbine  
Coral Bells  
(Heuchera)  
Crape Myrtle

Crassula  
Croton  
Delphinium  
Dianthus  
Dizygotheca  
Dogwood  
English Ivy  
Episcia  
Euonymus  
Forsythia  
Gazania  
Geranium  
Gladiolus  
Gloxinia  
Gypsophila  
Hawthorn  
Heliopsis scabra  
Holly  
Hoya  
Hydrangea  
Impatiens  
Iris  
Juniper

Kalanchoe  
Lemon balm  
Lipstick balm  
Lipstick Vine  
(Aeschynanthus)  
Marigold  
Monarda (Bee Balm)  
Nectarine-Ornamental  
Pachysandra  
Palm  
Pansy  
Peach-Ornamental  
Peperomia  
Periwinkle  
Philodendron  
Phlox  
Pilea  
Pine  
Pittosporum  
Plum-Ornamental  
Poinsettia  
Poppy  
Pothos

Primrose  
Privet  
Protea  
Prune-Ornamental  
Pulmonaria  
Pyracantha  
Rhododendron  
Rose  
Rose-of-Sharon  
Schefflera  
Snapdragon  
Statice  
Tree Ivy  
Verbena  
Viburnum  
Violet  
Zinnia

### DISEASES CONTROLLED

Alternaria blight  
Anthracnose  
Ascochyta blight  
Black Spot  
Botrytis blight  
Botrytis gray mold  
Cercospora leaf spot  
Corynespora leaf spot  
Didymellina leaf spot  
Diplodia tip blight  
Entomosporium leaf spot

Fusarium leaf spot  
Helminthosporium leaf spot  
Ink spot  
Phomopsis blight  
Powdery mildew  
Ovulinia sp.  
Ramularia leaf spot  
Ray blight  
Scab  
Septoria leaf spot

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## AGRICULTURAL APPLICATIONS:

### FOR USE ON:

Acorn squash	Grapes	Prunes
Apples	Honeydew	Pumpkin
Apricots	Hops	Strawberries
Alfalfa	Lettuce	Sugar beets
Barley	Mango	Summer squash
Bell pepper	Muskmelon	Sweet potatoes
Blueberries	Peaches	Tomatoes
Cabbage	Pears	Watermelon
Cantaloupe	Peas	Wheat
Cherries	Plums	Zucchini
Cucumber	Potatoes	

### DISEASES CONTROLLED:

Alternaria leaf spot	Leaf spot
Anthracnose	Phoma
Botrytis	Phytophthora
Downy mildew	Powdery mildew
Fusarium leaf spot	

### NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

### IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamental and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of H. & I. Agri-Tech, Inc. or any other Seller, for any and all losses, injuries or damages resulting from the

use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of H & I Agritech, Inc.

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SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD - WATER  
SOLUBLE PACKAGING LABEL

AGRICURE WATER  
SOLUBLE PACKAGE

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS

This package can treat up to \_\_\_\_\_ sq. ft. (acres) at the recommended maximum treatment rate.

ACTIVE INGREDIENT:

Potassium Bicarbonate.....85.00%

INERT INGREDIENTS.....15.00%

TOTAL.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the Statement of Practical Treatment.

Net weight: 8. oz. (227 g)  
2.5 lbs. (1.14 kg)

Produced For:

H & I AGRITECH, INC.  
95 BROWN ROAD BOX 1030  
ITHACA, NY 14850 - 1257

EPA REG. NO.  
EPA EST. NO.



**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call physician or get medical attention. Do not induce vomiting. Drink several glasses of water to dilute the product. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

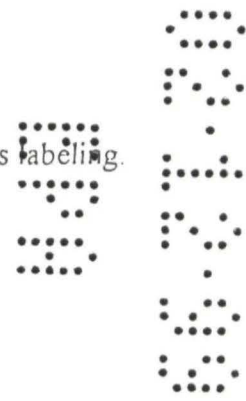
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.





Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Prevent exposure to moisture. Keep container tightly closed and out of the reach of children. Avoid contamination with other pesticides or fertilizers.

**PESTICIDE SPILL PROCEDURE:** In case of a spill, carefully sweep up the material to avoid generating dust. Store in a labeled container for disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Place inner bag into mixing tank. Dispose of empty outer bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

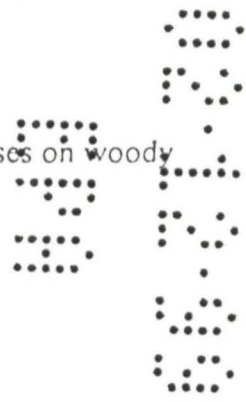
### GENERAL INFORMATION

AGRICURE is a broad spectrum fungicide that controls a variety of diseases on woody and herbaceous ornamental crops, and on agricultural crops.

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AGRICURE is applied with ground equipment using a sufficient volume of water to insure complete coverage of all foliage.

**IMPORTANT:** Read the entire label before using AGRICURE. Consult your State Agricultural Experiment Station or Extension Service Specialist for additional information on timing of applications, rates, and any additional requirements or restrictions.

## MIXING INSTRUCTIONS

AGRICURE must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

1. Fill tank with 1/4 to 1/2 of the required volume of water prior to the addition of AGRICURE package. Start mechanical or hydraulic agitation.
2. Add the package(s) of AGRICURE to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

**DO NOT MIX WITH OTHER PESTICIDE PRODUCTS OR SPRAY ADJUVANTS.**

## SPRAY APPLICATION METHOD

For best results, use a properly calibrated, high pressure sprayer. Check equipment calibration frequently. Do not apply this product through any type of irrigation system

### (8 oz. package)

Apply at a rate of one package of AGRICURE for 8700 sq/ft (2/10 acre) in 20 to 40 gallons of water. For maximum treatment rate, use one package of AGRICURE for 4350 sq. ft. (1/10 acre). Use sufficient volume of solution to obtain adequate coverage of foliage and stems. Apply so that all exposed parts of the plants are contacted. Uniform and complete coverage of the foliage are essential for the most effective results. Do not exceed the maximum recommended treatment rate of AGRICURE per application.

Do not store unused spray solution. Dispose of unused solution on site

### (2.5 lb package)

Apply at a rate of one package of AGRICURE per one acre, in 100 to 200 gallons of water. For maximum treatment rate use one package of AGRICURE per 1/2 acre (21,780 sq. ft.). Use sufficient volume of solution to obtain adequate coverage of foliage and stems. Apply so that all exposed parts of the plants are contacted. Uniform and complete coverage of the foliage are essential for the most effective results. Do not exceed the maximum recommended treatment rate of AGRICURE per application.



Do not store unused spray solution. Dispose of unused solution on site

## APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather.



## ORNAMENTAL APPLICATIONS:

### PLANT TYPES

Woody and ornamental shade trees  
Woody and herbaceous ornamentals  
Ornamental nut and fruit trees

### FOR USE ON:

Ageratum  
Ajuga  
Almond-Ornamental  
Alyssum  
Andromeda  
Aphelandra  
Apple-Ornamental  
Apricot-Ornamental  
Artemisia  
Aster  
Azalea  
Boxwood  
Calendula  
Carnation  
Centaurea montana  
Cherry-Ornamental  
Chrysanthemum  
Cineraria  
Coleus  
Columbine  
Coral Bells  
(Heuchera)  
Crape Myrtle

Crassula  
Croton  
Delphinium  
Dianthus  
Dizygotheca  
Dogwood  
English Ivy  
Episcia  
Euonymus  
Forsythia  
Gazania  
Geranium  
Gladiolus  
Gloxinia  
Gypsophila  
Hawthorn  
Heliopsis scabra  
Holly  
Hoya  
Hydrangea  
Impatiens  
Iris  
Juniper

Kalanchoe  
Lemon balm  
Lipstick balm  
Lipstick Vine  
(Aeschynanthus)  
Marigold  
Monarda (Bee Balm)  
Nectarine-Ornamental  
Pachysandra  
Palm  
Pansy  
Peach-Ornamental  
Peperomia  
Periwinkle  
Philodendron  
Phlox  
Pilea  
Pine  
Pittosporum  
Plum-Ornamental  
Poinsettia  
Poppy  
Pothos

Primrose  
Privet  
Protea  
Prune-Ornamental  
Pulmonaria  
Pyracantha  
Rhododendron  
Rose  
Rose-of-Sharon  
Schefflera  
Snapdragon  
Statice  
Tree Ivy  
Verbena  
Viburnum  
Violet  
Zinnia

### DISEASES CONTROLLED

Alternaria blight  
Anthracnose  
Ascochyta blight  
Black Spot  
Botrytis blight  
Botrytis gray mold  
Cercospora leaf spot  
Corynespora leaf spot  
Didymellina leaf spot  
Diplodia tip blight  
Entomosporium leaf spot

Fusarium leaf spot  
Helminthosporium leaf spot  
Ink spot  
Phomopsis blight  
Powdery mildew  
Ovulinia sp.  
Ramularia leaf spot  
Ray blight  
Scab  
Septoria leaf spot

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## AGRICULTURAL APPLICATIONS:

### FOR USE ON:

Acorn squash	Grapes	Prunes
Apples	Hops	Pumpkin
Apricots	Honeydew	Strawberries
Alfalfa	Lettuce	Sugar beets
Barley	Mango	Summer squash
Bell pepper	Muskmelon	Sweet potatoes
Blueberries	Peaches	Tomatoes
Cabbage	Pears	Watermelon
Cantaloupe	Peas	Wheat
Cherries	Plums	Zucchini
Cucumber	Potatoes	

### DISEASES CONTROLLED:

Alternaria leaf spot	Leaf spot
Anthrachnose	Phoma
Botrytis	Phytophthora
Downy mildew	Powdery mildew
Fusarium leaf spot	

### NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

### IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamental and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT. IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of H & I Agritech, Inc. or any other Seller, for any and all losses, injuries or damages resulting from the

use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of H & I Agritech, Inc.

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SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS  
(NOT SUBJECT TO WORKER PROTECTION STANDARD)  
AGRICURE

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND GARDEN CROPS

ACTIVE INGREDIENT:  
Potassium Bicarbonate.....85.00%  
INERT INGREDIENTS:.....15.00%  
TOTAL.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the First Aid Statement.

Net Weight: 6 oz. (170 g)  
8 oz. (227 g)  
1 lb. (454 g)  
2.5 lbs. (1.14 kg)

Produced For:

H & I AGRI-TECH, INC.  
95 BROWN ROAD BOX 1030  
ITHACA, NY 14850 - 1257

EPA REG. NO.  
EPA EST. NO.



**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**FIRST AID STATEMENT**

**If Swallowed:** Call a physician or get medical attention. Do not induce vomiting. Drink several glasses of water to dilute the product. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Prevent exposure to moisture.

**CONTAINER DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**GENERAL INFORMATION**

**AGRICURE** is a broad spectrum fungicide that controls a variety of diseases on woody and herbaceous ornamental crops, and on garden crops.

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AGRICURE is applied with spray equipment using a sufficient volume of water to insure complete coverage of all foliage.

**IMPORTANT:** Read the entire label before using AGRICURE.

### MIXING and APPLICATION INSTRUCTIONS

AGRICURE must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

Mix 2 level tablespoons of AGRICURE per gallon of water. Do not exceed this use rate. Mix the solution thoroughly before use. One gallon of this solution is sufficient to treat approximately 450 square feet. Apply the solution to all exposed surfaces of the plant. Use a sufficient spray volume to obtain complete coverage of all foliage and stems. Uniform and complete coverage is essential for the most effective results.

DO NOT STORE UNUSED SPRAY SOLUTIONS.

DO NOT MIX WITH OTHER PESTICIDE PRODUCTS OR SPRAY ADJUVANTS.

### APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather.

### ORNAMENTAL APPLICATIONS:

#### PLANT TYPES

Woody and ornamental shade trees  
Woody and herbaceous ornamentals  
Ornamental nut and fruit trees



## FOR USE ON:

Ageratum	Crassula	Kalanchoe	Primrose
Ajuga	Croton	Lemon balm	Privet
Almond-Ornamental	Delphinium	Lipstick balm	Protea
Alyssum	Dianthus	Lipstick Vine	Prune-Ornamental
Andromeda	Dizygotheca	(Aeschynanthus)	Pulmonaria
Aphelandra	Dogwood	Marigold	Pyracantha
Apple-Ornamental	English Ivy	Monarda (Bee Balm)	Rhododendron
Apricot-Ornamental	Episcia	Nectarine-Ornamental	Rose
Artemisia	Euonymus	Pachysandra	Rose-of-Sharon
Aster	Forsythia	Palm	Schefflera
Azalea	Gazania	Pansy	Snapdragon
Boxwood	Geranium	Peach-Ornamental	Statice
Calendula	Gladiolus	Peperomia	Tree Ivy
Carnation	Gloxinia	Periwinkle	Verbena
Centaurea montana	Gypsophila	Philodendron	Viburnum
Cherry-Ornamental	Hawthorn	Phlox	Violet
Chrysanthemum	Heliopsis scabra	Pilea	Zinnia
Cineraria	Holly	Pine	
Coleus	Hoya	Pittosporum	
Columbine	Hydrangea	Plum-Ornamental	
Coral Bells	Impatiens	Poinsettia	
(Heuchera)	Iris	Poppy	
Crape Myrtle	Juniper	Pothos	

## DISEASES CONTROLLED

Alternaria blight	Fusarium leaf spot
Anthraxnose	Helminthosporium leaf spot
Ascochyta blight	Ink spot
Black Spot	Phomopsis blight
Botrytis blight	Powdery mildew
Botrytis gray mold	Ovulinia sp.
Cercospora leaf spot	Ramularia leaf spot
Corynespora leaf spot	Ray blight
Didymellina leaf spot	Scab
Diplodia tip blight	Septoria leaf spot
Entomosporium leaf spot	

## GARDEN APPLICATIONS:

### FOR USE ON:

Acorn squash  
Apples  
Apricots  
Bell pepper  
Blueberries  
Cabbage  
Cantaloupe  
Cherries  
Cucumber  
Grapes

Honeydew  
Lettuce  
Mango  
Muskmelon  
Peaches  
Pears  
Peas  
Plums  
Potatoes  
Prunes

Pumpkin  
Strawberries  
Summer squash  
Sweet potatoes  
Tomatoes  
Watermelon  
Zucchini

### DISEASES CONTROLLED:

Alternaria leaf spot  
Anthracnose  
Botrytis  
Downy mildew  
Fusarium leaf spot

Leaf spot  
Phoma  
Phytophthora  
Powdery mildew

### NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions

### IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamental and garden plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

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NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of H & I Agritech, Inc. or any other Seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of H. & I Agritech, Inc.



**H & I AGRITECH, INC.**

95 Brown Road Box 1030

Ithaca, NY 14850-1257

Phone: 607-266-0181

Fax: 607-266-0193

rc'd 6/28/99

original signature  
bearing documents  
to follow by mail  
bb

# fax

transmittal

to:

Denise Greenway

fax:

703-305-0118

from:

Len Hauptert

date:

June 25, 1999

re:

Me, too, registration

pages:

6

**NOTES:**

Use the label cover sheet included in this fax to  
replace the 2/12/99 pin punched label's  
cover page





June 25, 1999

Dr. Janet L. Andersen  
Biopesticides and Pollution (PM 90) Division (7501 W)  
U. S. Environmental Protection Agency  
401 M Street S. W.  
Washington, DC 20460

Dear Dr. Andersen:

Subject: Agricure - EPA File Symbol 70870-R  
Your memo dated June 1, 1999

With reference to the subject "Me-Too" registration for Agricure (EPA File No. 70870-R) and your memo dated June 1, 1999 I am hereby submitting the following information in support of that registration:

- EPA Form 8570-1 (Corrected to include package size of 2.5 pounds) ✓
- EPA Form 8570-34 (Corrected to remove greenhouse locations from the General Use Patterns) ✓
- Five copies of the Agricure Master Label cover sheet amended to add "EPA Reg. No." ✓

In answer to the questions you posed in your memo, I will address each of your points individually:

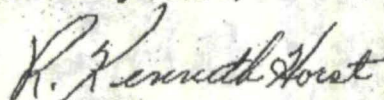
1. The omitted 2.5 pound package size is included on the amended EPA Form 8570-1 included herein. Also, you indicate that the logic used for the retail package sizes seems to be contradictory. We deliberately used a different approach on these entries because the consumer packaging will consist of cartons of twelve individually labeled containers meant to be sold separately. The water soluble packaging, conversely, is designed to be sold only in carton sized lots, therefore, the retail sizes reflect the total weight of the carton. Each water soluble packet in the carton will be individually labeled. ✱
2. An amended EPA Form 8570-34 deleting the greenhouse General Use Patterns is included herein. ✓
3. Five copies of the Agricure Master Label cover sheets with "EPA Reg. No." are included herein. ✓



4. The certification from Church & Dwight Co., Inc. was submitted on June 4, 1999 as requested.
5. We have included your comments regarding future submissions in our information files to assure future compliance. ✓

I trust that this supporting documentation will meet with your approval. If any additional information or clarification is required please contact Leonard Hauptert or myself at (607) 266-0181

Sincerely Yours,



R. Kenneth Horst  
President/C. E. O.

Enc: Support Documents  
XC: Ms. Denise Greenway



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060.



United States  
Environmental Protection Agency  
Washington, DC 20460

☒ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

258591

## Application for Pesticide - Section I

1. Company/Product Number 70870-R	2. EPA Product Manager R. Sjoblad	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Agricure	PM# 91	
5. Name and Address of Applicant (Include ZIP Code) H & I Agritech, Inc. 95 Brown Rd. Box 1030 Ithaca, NY 14850-1257 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 10772-4 Product Name Armicarb <sup>TM</sup> 100	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated <u>June 9, 1999</u>	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

1. Add 2.5 lb. package size on form 8570-1 as listed on commercial label.
2. Correct general use patterns listed on form 8570-34.
3. Add "EPA Reg. No." to Master Label cover page.
4. Provide certification from exclusive use data submitter (Church & Dwight Co.)

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container 1 2.5, 5, 10, 25, 50, 100 lbs.	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input checked="" type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5, 5, 10, 25, 50, 100 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Leonard Hauptert	Title Secretary/CFO	Telephone No. (Include Area Code) 607-266-0181

## Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both, as applicable law.

6. Date Application Received  
(Stamped)





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460.  
 Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number <b>H &amp; I Agritech, Inc. 95 Brown Rd. Box 1030 Ithaca, NY 14850</b>	607 - 266 - 0181 <b>607 - 266 - 0181</b>	EPA Registration Number/File Symbol <b>70870 - R</b>
Active Ingredient(s) and/or representative test compound(s) <b>Potassium Bicarbonate</b>	Date <b>June 11, 1999</b>	
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) <b>Terrestrial Food Crop, Terrestrial Nonfood Crop</b>	Product Name <b>Agricure</b>	

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

6/11/99

Typed or Printed Name and Title

R. Kenneth Horst/President



**Master Label****AGRICURE**

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS

**ACTIVE INGREDIENT:**

Potassium Bicarbonate.....85.00%

INERT INGREDIENTS:.....15.00%

TOTAL.....100.00%

A: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD

B: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD - WATER  
SOLUBLE PACKAGING LABEL

C: SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL  
APPLICATORS (NOT SUBJECT TO WORKER PROTECTION  
STANDARD)

EPA Reg. No.



**Master Label**

AGRICURE

*dup found w/6/24/99 fax*

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS

ACTIVE INGREDIENT:  
Potassium Bicarbonate.....85.00%

INERT INGREDIENTS:.....15.00%

TOTAL.....100.00%

- A: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD
- B: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD - WATER  
SOLUBLE PACKAGING LABEL
- C: SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL  
APPLICATORS (NOT SUBJECT TO WORKER PROTECTION  
STANDARD)

EPA Reg. No.





rd 6/9/99

## Facsimile Cover Sheet

**To:** Denise Greenway  
**Company:** U.S. EPA-Office of Pesticide  
Programs  
**Phone:** (703) 308-8263  
**Fax:** (703) 305-0118

**From:** Len Hauptert  
**Company:** H & I Agritech, Inc.  
**Phone:** (607) 266-0181  
**Fax:** (607) 266-0193

**Date:** 06/02/99

**Pages including this  
cover page:** 2

### Comments:

Denise, here's a Fax copy of the certification memo from the Church & Dwight Co. Inc., the original registrant of Armicarb 100 which is the basis of our "me-too" registration for Agricure (Registration No 70870-R). This should eliminate the need for the 30 day notification required for exclusive use data submitters per §152.116(a).

I'll send the original to you via Federal Express when we receive it.



## CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



June 1, 1999

The Church & Dwight Co., Inc., the original registrant of Armicarb 100 (EPA Reg. No. 10-772-4), and the original submitter of the exclusive use supporting data for that registration, is fully aware of and does not object to the "me-too" registration by H&I Agritech, Inc. (EPA File No. 70870-R) of the identical product called Agcure which utilizes the exclusive use data previously submitted by the Church & Dwight Co., Inc.

A handwritten signature in dark ink, appearing to read "W. Patrick Fiedler".

---

W. Patrick Fiedler  
Vice President, Specialty Chemicals

# ROUTING AND TRANSMITTAL SLIP

Date 5/28/99

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. Sheryl pls concur

RECEIVED

2. Janet pls sign

928/5/8  
#366

3.

OFF/DIRPD

4. front desk - pls fax to registrant

5. Denise - issue file etc

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

## REMARKS

"Fast Track" me-too w/ deficiencies

Please sign this letter notifying the applicant of the remaining minor deficiencies in his package. Because the ai was recently registered (1994) we need to invoke 152.116, per Mark Dyner's recent Coffee Club presentation. If someone could fax this letter <sup>and enclosure</sup> to the Agritech while I'm out next week, it would be great. Their fax # is

(607) 266-0193

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Denise

Phone No.

308 8263

5041-103

OPTIONAL FORM 41 (Rev. 1-94)

\*U.S. Government Printing Office: 1995 — 387-722/20018

Prescribed by GSA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 01 1999

OPTIONAL FORM 99 (7-90) 6/10/99

**FAX TRANSMITTAL** # of pages **3**

To <b>H &amp; I Agritech Inc</b>	From <b>D Greenway</b>
Dept./Agency	Phone # <b>703 308 8263</b>
Fax # <b>607 266 0193</b>	Fax # <b>703 308 7026</b>

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

5563423 | 161  
- | 12

R. Kenneth Horst  
H & I Agritech, Inc.  
95 Brown Road  
Box 1030  
Ithaca, NY 14850

Dear Mr. Horst:

Subject: Agricure  
EPA File Symbol 70870-R  
Your Correspondence of February 11, 1999

The cited correspondence was submitted in response to the December 23, 1998, Agency letter regarding deficiencies of your May 21, 1998, "me-too" pesticide registration application.

Review of the February 11, 1999, package has been performed and deficiencies remain. Please address the following concerns.

1) Information supplemental to Section III of EPA Form 8570-1 appears on an attached addendum sheet. Because Consumer Packaging (presumably, sublabel "C") and Water Soluble Packaging (presumably, sublabel "B") are discussed in the addendum, it is assumed that sublabel "A" is represented on the form itself. If this assessment is accurate, the following must be addressed. The form and sublabel "A" disagree in that the 2.5 pound size is represented on the sublabel, but not on the form. Correct the form or sublabel, as appropriate. Also, clarification is required regarding the addendum sheet representation of unit packaging weights and the retail container size. For the water soluble packaging, the representation appears to be correct (if each unit package weighs 8 ounces or 2.5 pounds, and each case contains 12 units, then the retail container sizes will be either 6 or 30 pounds). This logic fails for the Consumer Packaging entry; please explain or revise as required.

6/25/99  
response

2) EPA Form 8570-34 (Certification with ~~CONCURRENCE~~ Citation of Data) must be revised to delete from the General Use Patterns section all references to greenhouse use. This will align the form

SYMBOL	7511C/Greenway				
SURNAME					
DATE	5/28/99				



with the proposed label and with the revision options you selected (replacement of "greenhouse" with "agricultural" under the heading General Information on sublabels A and B) in response to item four of our December 23, 1998, letter.

greenhouse  
revised

3) Add to the Master Label cover page "EPA Reg. No." This entry may be placed below the sublabel list.

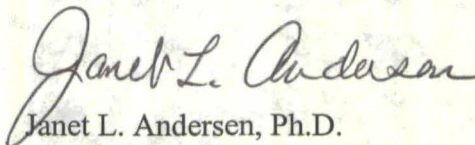
4) In accordance with 40 CFR section 152.116 (c), enclosed, please submit certification from your active ingredient source indicating that the company is aware of your application and does not object to the issuance of the registration. This is necessary due to the exclusive use status of the data supporting your active ingredient. Otherwise, the application will be held for 30 days pending a response from the source company to an Agency-initiated notification of your registration application.

done via  
6/11/99  
fax

5) In any future submissions, ensure that any Formulator's Exemption Form (EPA Form 8570-27) includes an entry of the active ingredient(s) name under item one. The correct entry under item one in your resubmission of this form should have been, "potassium bicarbonate." Similarly, the first item 10 entry of the Confidential Statement of Formula (EPA Form 8570-4) should have included the trade name, [REDACTED] Your submission has been administratively revised to correct these minor omissions.

Please submit the source company certification and revised form/label page(s) for further consideration. Rather than submitting five copies the entire revised label, please only provide five copies of each revised page of the draft label. The materials may be faxed to (703) 305-0118 to expedite the review. Please also make a formal submission, by mail, of the originals of any faxed documents. Should you have any questions regarding this letter, please contact me or telephone Denise Greenway on (703) 308-8263.

Sincerely,



Janet L. Andersen, Ph.D.

Director

Biopesticides and Pollution

Prevention Division (7511C)

Enclosure

Dgreenway/308-8263/5-28-99/agricuredef.wpd/Kbicarb



**§ 152.116 Notice of intent to register to original submitters of exclusive use data.**

(a) Except as provided in paragraph (c) of this section, at least 30 days before registration of a product containing an active ingredient for which a previously submitted study is eligible for exclusive use under FIFRA sec. 3(c)(1)(D)(i), the Agency will notify the original submitter of the exclusive use study of the intended registration of the product. If requested by the exclusive use data submitter within 30 days, the Agency will also provide the applicant's list of data requirements and method of demonstrating compliance with each data requirement.

(b) Within 30 days after receipt of the Agency's notice, or of the applicant's list of data requirements, whichever is later, the exclusive use data submitter may challenge the issuance of the registration in accordance with the procedures in § 152.99 (b) and (c). If the Agency finds that the challenge has merit, it will issue a notice of denial of the application. The applicant may then avail himself of the hearing procedures provided by FIFRA sec. 3(c)(6). If the Agency finds that the challenge is without merit, it will deny the petition and register the applicant's product. Denial of the petition is a final Agency action.

(c) If an applicant has submitted to the Agency a certification from an exclusive use data submitter that he is aware of the applicant's application for registration, and does not object to the issuance of the registration, the Agency will not provide the 30-day notification described in paragraph (a) of this section to that exclusive use data submitter.

**§ 152.117 Notification to applicant.**

The Agency will notify the applicant of the approval of his application by a Notice of Registration for new registration, or by a letter in the case of an amended registration.

**§ 152.118 Denial of application.**

(a) *Basis for denial.* The Agency may deny an application for registration if the Agency determines that the pesticide product does not meet the criteria for registration under either

FIFRA sec. 3(c)(5) or (7), as specified in §§ 152.112 through 152.114.

(b) *Notification of applicant.* If the Agency determines that an application should be denied, it will notify the applicant by certified letter. The letter will set forth the reasons and factual basis for the determination with conditions, if any, which must be fulfilled in order for the registration to be approved.

(c) *Opportunity for remedy by the applicant.* The applicant will have 30 days from the date of receipt of the certified letter to take the specified corrective action. During this time the applicant may request that his application be withdrawn.

(d) *Notice of denial.* If the applicant fails to correct the deficiencies within the 30-day period, the Agency may issue a notice of denial, which will be published in the FEDERAL REGISTER, and which will set forth the reasons and the factual basis for the denial.

(e) *Hearing rights.* Within 30 days following the publication of the notice of denial, an applicant, or any interested person with written authorization of the applicant, may request a hearing in accordance with FIFRA sec. 6(b). Hearings will be conducted in accordance with part 164 of this chapter.

**§ 152.119 Availability of material in support of registration.**

(a) The information submitted to support a registration application shall be part of the official Agency file for that registration.

(b) Within 30 days after registration, the Agency will make available for public inspection, upon request, the materials required by subpart E to be submitted with an application. Materials that will be publicly available include an applicant's list of data requirements, the method used by the applicant to demonstrate compliance for each data requirement, and the applicant's citations of specific studies in the Agency's possession if applicable.

(c) Except as provided by FIFRA sec. 10, within 30 days after registration, the data on which the Agency based its decision to register the product will be made available for public inspection, upon request, in accordance with the procedures in 40 CFR part 2.



Final Version Routed for  
sig 5/28/99

guy are  
A selective - matrix will list MRID or enter  
print matrix goes to docket & cite all  
if cite all, they need form offer to pay  
data form is OK

R. Kenneth Horst  
H & I Agritech, Inc.  
95 Brown Road  
Box 1030  
Ithaca, NY 14850

Dear Mr. Horst:

Subject: Agricure  
EPA File Symbol 70870-R  
Your Correspondence of February 11, 1999

form for - don't pay  
name its clear  
form very #

The cited correspondence was submitted in response to the December 23, 1998, Agency letter regarding deficiencies of your May 21, 1998, "me-too" pesticide registration application.

Review of the February 11, 1999, package has been performed and deficiencies remain. Please address the following concerns.

) Information supplemental to Section III of EPA Form 8570-1 appears on an attached addendum sheet. Because Consumer Packaging (presumably, sublabel "C") and Water Soluble Packaging (presumably, sublabel "B") are discussed in the addendum, it is assumed that sublabel "A" is represented on the form itself. If this assessment is accurate, the following must be addressed. The form and sublabel "A" disagree in that the 2.5 pound size is represented on the sublabel, but not on the form. Correct the form or sublabel, as appropriate. Also, clarification is required regarding the addendum sheet representation of unit packaging weights and the retail container size. For the water soluble packaging, the representation appears to be correct (if each unit package weighs 8 ounces or 2.5 pounds, and each case contains 12 units, then the retail container sizes will be either 6 or 30 pounds). This logic fails for the Consumer Packaging entry; please explain or revise as required.

yes, data matrix  
to comp forms are new

In the future

) **check that revised form was submitted** The Formulators Exemption Form (EPA Form 8570-27) must be revised to include an entry of the active ingredient name for item one. Enter



"potassium bicarbonate" under item one in your resubmission of this form.

) ck w/FT to see if CSF needs product name—probably not, reg no should suffice but reverse of form specifies product name entry *in the future*

) EPA Form 8570-34 (Certification with Respect to Citation of Data) must be revised to delete from the General Use Patterns section all references to greenhouse use. This will align the form with the proposed label and with the revision options you selected in response to item four of our December 23, 1998, letter. **Check C & D product forms for greenhouse references—I think the label of C/D has no greenhouse use, but ck Ck also for use of current form also ck sect I and II are right boxes used??** *yes*

) Add to the Master Label cover page "EPA Reg. No." This entry may be placed below the sublabel list. **see why this wasn't done on C/D** *mistake*

*add cert. reg* Please submit the revised forms for further consideration. Rather than submitting five copies the entire revised label, please only provide five copies of each revised page of the draft label. Should you have any questions regarding this letter, please contact me or telephone Denise Greenway on (703) 308-8263.

Sincerely,

Janet L. Andersen, Ph.D.  
Director  
Biopesticides and Pollution  
Prevention Division (7511C)

Dgreenway/308-8263/5-14-99/agricuredef.wpd/Kbicarb

Len Halpern

6/11/99

Will add 2.5 to label

WSP

WSP consumer bottles are 12/case & sold  
in div. Retail size is size of ind

for WSP: 12 bags / over pack  
each labels sold as single  
set of 12

Retail size is combined wt.

will put in cover letter > OK 41 but ask about

labeling on WSP See label Mch 18 + PR 94-08



8570-341 Data

~~Remove greenhouse~~  
Wants greenhouses

ask about indiv labels on each WSP pouch  
he claims whole label will be on each one  
asked him to record this in his cover  
letter



Or if they must add greenhouse use  
to their master stamp label  
do as amendment

Then master can and theirs

In of descnp only 13 mg  
as Sp Dir for Use

6/11/99 Willie on 70870-R greenhouse question

must be compatible labels. Since no greenhouse specified on  
parent, must get C+D to send amendment request, greenhouse  
use, which will be OK due to broad exemption for air C 180.1177.

They may be able just to add greenhouse to pg one description  
BUT, check label text. If all Dir for Use are "per acre" they'll  
also need to add specific D for Use. Once this is accomplished  
for C+D master label, then H+I can request the same.

The commercial sublabel has 16/acre D for Use plus advisory  
stmt on rainy weather which is not appl to greenhouse

6/11/99 Ensure that greenhouse is added carefully for each sublabel

relayed the above to Lenthalpert. Advised him to remove greenhouse to get registration NSAP.

Then they can work w/ C+D to 1st amend the parent master label, followed by the

H+I amendment to add in greenhouse. Explained that specific D for Use will be necessary  
as well as page one revision. They are surprised - thought it would cover greenhouse. I explained  
that current labels cannot be interpreted for greenhouse use, given the 16/acre rates & rain related  
cautionary statements. He claims the WSP packets will have full label. I requested that  
he document this in the cover label. Otherwise, small containers may need a referral sheet  
to booklet & other special text. See Label Manual & policy letter of 7/94. Also, letter must explain the  
unit packaging issue explanation. They will add 2.5 lb size to label.



## Hx 1 Biotech Resubmission: Deficiencies noted in 3/26/99 review

Form 8570 Section III evidently gives info on one of the three sublabels, but that fact is not declared. The attached page w/ more info discusses only the consumer + WSP versions. Note that WSP version has inconsistency re: package sizes (compared to consumer version) Get explanation (WSP is the ok version must fix other) Form missing 2.5 lb size from WSP As use

Formulator's Exemption To DO check to see that the revised form was submitted. Form will require resubmission due to failure to enter the ID of A required in item "1." (They did correct the product name, which was wrong before)

CSF To DO check other elements ✓ checked against previous - its a virtual match (see enclosed variations) the name of purchased prod is absent but other reg info for ID is present. Ask FT if this matters. Also, no greenhouse use on parent reg ONLY WSP has 2.1 Ac and 1.1 (also home use) must use the use form

Citation of Data - To DO check that current form was used / No greenhouse on revised label, but on form! check that section "need not be deleted off" is the must be doing place. "selective" not cite all option under selective. Data Matrix is attached & lists C+D data exclusively is it tech on 2.1 Ac data? probably since form already off

Label - have them add reg no to 1<sup>st</sup> page? Pull 10772-4 jacket to search for any rationale on this

Otherwise, see mark up + yellow > Need page 1 revision for each sublabel (on Reg/Not?)

Check 10772-4 forms for any hint of greenhouse (No greenhouse use specified in the parent label)



# BPPD PRAT ACTION CODING FORM

rc'd 2/24/99

PM 90: Janet Anderson

This is 70870-R

REVIEWER: DENISE BRENNAN

(ASSIGNED BY: STORAN)

EPA REG./FILE SYMBOL 10772-4

ACTION CODE 301

RESUBMISSION

SUBMISSION BARCODE S557253

Date on Application 2/11/99

EPA Received Date 2/12/99

PRAT Received Date 2/16/99

Assigned in PRAT YES ☒ NO ☐ most fix PRAT

Completed by: T. Betha Date 2/23/99

.....

## FINAL ACTION

Response Code \_\_\_\_\_

Response Date: / /

MOS: \_\_\_\_\_ (1) Cite-All

\_\_\_\_\_ (4) Not Applicable

\_\_\_\_\_ (8) Selective

CRP: Yes \_\_\_\_\_ No \_\_\_\_\_

Restricted Use: Yes \_\_\_\_\_ No \_\_\_\_\_

Manufacturing Use: Yes \_\_\_\_\_ No \_\_\_\_\_

Exclusive Use: Yes \_\_\_\_\_ No \_\_\_\_\_

5/14/99  
A: AGRICUREDEF, WPD





Box 1030, 95 Brown Rd., Ithaca, NY 14850



The Lyceum, University of Mississippi, Oxford

H+I Agritech, Inc.  
95 Brown Rd. Box 1030  
Ithaca, NY. 14850 1257

46

Receipt Date: \_\_\_\_\_

Reg. No: 70870-R

Received By: \_\_\_\_\_



February 11, 1999

Dr. Janet L. Andersen  
Biopesticides and Pollution Prevention Div.  
United States Environmental Protection Agency  
401 "M" ST SW  
Washington, D. C. 20460

FEB 16 1999

BPPD

Dear Dr. Andersen:

Enclosed is the resubmission of documentation requested in your letter of December 23, 1998 for the "Me Too" registration of H & I Agritech's product named Agricure. Agricure is identical in composition and labeling to Armicarb™ 100 (EPA Registration Number 10772-4).

Included in this packet is:

- Application for Pesticide-EPA Form 8570-1
- Application Addendum Sheet
- Confidential Statement of Formula-EPA Form 8570-4
- Formulator's Exemption Statement-EPA Form 8570-27
- Certification with Respect to Citation of Data-EPA Form 8570-34
- Data Matrix-EPA Form 8570-35
- Copy of Your Memo Dated 12/23/98
- 5 Copies of the Agricure Label consisting of:

A: Sublabel - Commercial Products: For Commercial Applicators  
Subject to Worker Protection Standard

B: Sublabel - Commercial Products: For Commercial Applicators  
Subject to Worker Protection Standard - Water Soluble  
Packaging Label

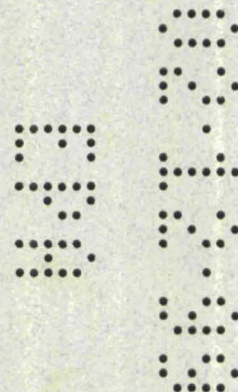
C: Sublabel - Household Products: For Non-Commercial Applicators  
(Not Subject to Worker Protection Standard)

Thank You For Your Prompt Assistance.

Sincerely,

*R. Kenneth Horst*

R. Kenneth Horst  
President/C. E. O.







United States  
Environmental Protection Agency  
Washington, DC 20460

☒ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

258589

## Application for Pesticide - Section I

1. Company/Product Number 70870- <u>R</u>	2. EPA Product Manager R. Sjoblad	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Agricure	PM# 91	
5. Name and Address of Applicant (Include ZIP Code) H & I Agritech, Inc. 95 Brown RD Box 1030 Ithaca, NY 14850 - 1257  <input checked="" type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 10772-4 Product Name Armicarb™ 100

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated 12/23/98	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

1. Add additional container sizes consistent with label
2. Add water soluble packaging information
3. Revise label to use name of "Agricure" and reference the name of H & I Agritech, Inc. instead of Church & Dwight
4. Correct collating of label

## Section - III

1. Material This Product Will Be Packaged In: See addendum sheet for additional information			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2.5 lb size missing	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. 5,10,25,50,100 lbs./ 1	If "Yes" Package wgt. _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5,10,25,50,100 lbs	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Leonard Hauptert	Title Secretary / CFO	Telephone No. (Include Area Code) 607-266-0181	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped) 
2. Signature 	3. Title President / CEO		
4. Typed Name R. Kenneth Horst	5. Date February 11, 1999		



## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

**PAPERWORK REDUCTION ACT NOTICE:** Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

**INSTRUCTIONS:** This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

**Submission of Labeling** - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

**Submission of Data** - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

**SPECIFIC INSTRUCTIONS:** Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

**Block A** - Check the appropriate action for which you are submitting this form.

**SECTION I** - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registration that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

**SECTION II** - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

**SECTION III** (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Indicate the location of the net contents information for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Method in which label is affixed to product** - Indicate the method product label is attached to retail container.

**SECTION IV** (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
6. EPA Use Only.



Application Addendum Sheet

OPP # 258589

February 11, 1999

Section II

Explanation:

4. Correct collating of label
5. Correct spelling of "Delphinium" and "Phlox" on label
6. Submit new certification with respect to Citation of Data Form with corrected chemical name
7. Submit new data matrix form

Section III

Consumer Packaging

1. Material this product will be packaged in

Child resistant packaging : NO

Unit packaging : YES

Unit packaging weights : 6oz., 8oz., 1 lb., 2.5 lb.

No. per container : 12 per case

Water soluble packaging : NO

2. Type of container : PLASTIC

3. Location of net contents information : LABEL

4. Size(s) retail container : 6oz., 8oz., 1 lb., 2.5 lb.

5. Location of label directions : LABEL

6. Manner in which label is affixed to product : PAPER GLUED

matches sublabel, but  
> differs from that declared in  
accompanying form (5, 10, 25, 50, 100 lb only)

- form must be intended to describe  
commercial use only -

\* Still missing 2.5 size \*  
for commercial

Water Soluble Packaging

> per L. Halpert on 1/11/99, WSP is sold @ retail as  
case of 12. Each WSP is labeled, he claims

1. Material this product will be packaged in

Child resistant : NO

Unit packaging : YES

Unit packaging weights : 8 oz., 2.5 lbs.

No. per container : 12 per case

Water soluble packaging : YES

2. Type of container : PLASTIC

3. Location of net contents information : LABEL

4. Size(s) retail container : 6 lbs., 30 lbs.

5. Location of label directions : LABEL

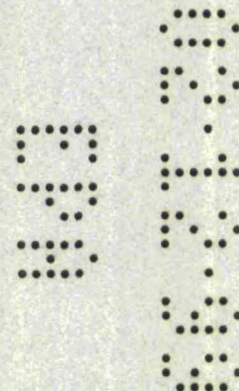
6. Manner in which label is affixed to product : LITHOGRAPH

matches sublabel

> see above

Certified

R. Kenneth Hunt







United States  
Environmental Protection Agency  
Washington, DC 20460

# Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address

H & I Agritech, Inc.  
95 Brown RD. Box 1030  
Ithaca, NY 14850-1257

EPA File Symbol/Registration Number

70870-R

Product Name

Agricure

Date of Confidential Statement of Formula (EPA Form 8570-4)

February 11, 1999

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

no entry

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

## Source

Active Ingredient	Product Name	Registration Number
Potassium Bicarbonate		
Signature <i>R. Kenneth Horst</i>	Name and Title R. Kenneth Horst, President	Date February 11, 1999



## Paperwork Reduction Act Notice

The public reporting burden for this collection of information is estimated to average 1.5 hours per response, including familiarization with the form, organizing the necessary information, and completing the form. Send any comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to:

Chief, Information Policy Branch, PM-223  
U.S. Environmental Protection Agency  
401 M Street, S.W.  
Washington, DC 20460

and to

Office of Management and Budget  
Paperwork Reduction Project (2070-0060)  
Washington, DC 20503





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

 401 M Street, S.W.  
 WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

## Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number <b>H &amp; I Agrotech, Inc. 95 Brown RD Box 1030 Ithaca, NY 14850</b>	EPA Registration Number/File Symbol <b>70870-R</b>
---	---

Active Ingredient(s) and/or representative test compound(s) <b>Potassium bicarbonate</b>	Date <b>February 11, 1999</b>
---	----------------------------------

General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) <b>Indoor, Greenhouse Food Crop, Greenhouse Nonfood Crop, Terrestrial Food Crop, Terrestrial Nonfood Crop</b>	Product Name <b>Agricure</b> <i>no greenhouse</i>
--	--

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to fill out this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

## SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

## SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

## SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

2-11-'99

Typed or Printed Name and Title

R. Kenneth Horst, President



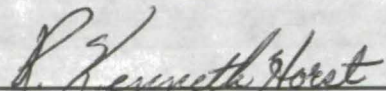


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date <b>February 11, 1999</b>		EPA Reg No./File Symbol <b>70870 - R</b>		Page <b>1</b> of <b>1</b>	
Applicant's/Registrant's Name & Address <b>H &amp; I Agritech, Inc. 95 Brown RD Box 1030 Ithaca, NY 14850 - 1257</b>		Product <b>Agricure</b>			
Ingredient <b>Potassium Bicarbonate CAS # 298-14-6</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Single Dose Oral Toxicity Rats/LD50	44001001	10772	PER	
81-2	Acute Dermal Toxicity Rabbits/LD50	44001002	10772	PER	
81-3	Inhalation Toxicity in Rats	44001006	10772	PER	
81-4	Primary Eye Irritation in Albino Rabbits	44001004	10772	PER	
81-5	Primary Dermal Irritation in Albino Rabbits	44001003	10772	PER	
81-6	Delayed Contact Sensitization Buehler Method	44001005	10772	PER	
	Product Chemistry	44326201	10772	PER	
	Valuation of Analytical Method	44326202	10772	PER	
	Measurement of pH	44326203	10772	PER	
	Acute Toxicity - Daphnids	44326204	10772	PER	
	Addendum for Inhalation Study	44452800	10772	PER	
	Supplemental Information-Eye Irritation Corrosion	44452800	10772	PER	
	Acute Toxicity for Bluegill/Sunfish	44326205	10772	PER	
	Acute toxicity to Rainbow Trout	44326206	10772	PER	
Signature 		Name and Title <b>R. Kenneth Horst, President</b>		Date <b>2-11-'99</b>	





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date **February 11, 1999**

EPA Reg No./File Symbol **70870 - R**

Page **1** of **1**

Applicant's/Registrant's Name & Address **H & I Agritech, Inc.  
95 Brown RD Box 1030  
Ithaca, NY 14850 - 1257**

Product **Agricure**

Ingredient **Potassium Bicarbonate CAS # 298-14-6**

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

10772

PER

10772

PER

10772

PER

10772

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PER

10772

PER

10772

PER

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10772

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10772

PER

Signature

Name and Title

**R. Kenneth Horst, President**

Date

**2-11-'99**





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

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DATA MATRIX

Date **February 11, 1999**

EPA Reg No./File Symbol **70870 - R**

Page **1** of **1**

Applicant's/Registrant's Name & Address **H & I Agritech, Inc.  
95 Brown RD Box 1030  
Ithaca, NY 14850 - 1257**

Product **Agricure**

Ingredient **Potassium Bicarbonate CAS # 298-14-6**

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

**10772**

**PER**

**10772**

**PER**

**10772**

**PER**

**10772**

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**10772**

**PER**

**10772**

**PER**

**10772**

**PER**

**10772**

**PER**

Signature

Name and Title

**R. Kenneth Horst, President**

Date

**2-11-'99**





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date <b>February 11, 1999</b>		EPA Reg No./File Symbol <b>70870 - R</b>		Page <b>1</b> of <b>1</b>	
Applicant's/Registrant's Name & Address <b>H &amp; I Agritech, Inc. 95 Brown RD Box 1030 Ithaca, NY 14850 - 1257</b>		Product <b>Agricure</b>			
Ingredient <b>Potassium Bicarbonate CAS # 298-14-6</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Single Dose Oral Toxicity Rats/LD50	44001001	10772	PER	
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81-4	Primary Eye Irritation in Albino Rabbits	44001004	10772	PER	
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	Valuation of Analytical Method	44326202	10772	PER	
	Measurement of pH	44326203	10772	PER	
	Acute Toxicity - Daphnids	44326204	10772	PER	
	Appendum for Inhalation Study	44452800	10772	PER	
	Supplemental Information-Eye Irritation Corrosion	44452800	10772	PER	
	Acute Toxicity for Bluegill/Sunfish	44326205	10772	PER	
	Acute Toxicity to Rainbow Trout	44326206	10772	PER	
Signature 			Name and Title <b>R. Kenneth Horst, President</b>		Date <b>2-11-'99</b>





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

DEC 23 1998

R. Kenneth Horst  
H & I Agritech, Inc.  
95 Brown Road  
Box 1030  
Ithaca, NY 14850-1257

Dear Dr. Horst:

Subject:       Agricure  
              EPA File Symbol 70870-R  
              Your Correspondence of May 21, 1998

The cited correspondence represents an application for a "me-too" registration based upon EPA Reg. No. 10772-4.

The application referred to above has been determined, pursuant to 40 CFR 152.105, not sufficiently complete to process; therefore, the application is considered deficient. Labeling/other information as specified below must be submitted before the processing of the application can be completed. If such deficiencies cannot be corrected within 75 days, you must notify the Agency within those 75 days of the date you expect to complete the application. If, after 75 days you do not respond, or you subsequently fail to complete the application within the time scheduled for completion, the Agency will terminate any action on the application, and will treat the application as if it has been withdrawn by the applicant. Any subsequent submission relating to the application must be submitted as a new application.

1) You declared on EPA Form 8570-1 that the product container size is to be six ounces. Each of the submitted sublabels (A, B, and C) indicates net weights in excess of six ounces. The application instructions for all but the homeowner sublabel bear instructions to apply amounts that exceed six ounces. This is not acceptable and must be resolved by revising either the Form or the sublabels.



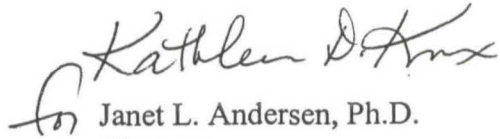
- 2) Because sublabel B is for product in water soluble packaging (WSP), Section III of the EPA Form 8570-1 must be revised to reflect the use of that type of packaging.
- 3) All submitted sublabels bear the product and company name of EPA Reg. No. 10772-4. Your draft label must be revised to carry only the proposed name ("Agricure") of your own pending product. Only your company name should appear on the label. Because the Confidential Statement of Formula (CSF) indicates that H & I Agritech, Inc. is not the producer, your company name must be preceded on the front panel of the label by "Produced For:" or similar wording, in accordance with 40 CFR 156.10 (c).
- 4) Although your letter states that your proposed labeling is identical to that of EPA Reg. No. 10772-4, our review revealed discrepancies between the two. First, the Container Disposal text of the Storage and Disposal section of the sublabel A (commercial/subject to the Worker Protection Standard (WPS)) appears to have been switched with that intended for sublabel B (commercial/subject to WPS/Water Soluble Packaging (WSP)). We believe that this was caused by a collating error (the switching of label pages 11 and four) Please confirm this assessment. Second, sublabels A and B have been altered by substituting "greenhouse" for "agricultural" under the heading General Information (see label pages four and 11) . This alteration is not acceptable because it is not uniformly applied throughout the labeling: the product descriptions on the master label cover page and on the first page of both sublabels (A and B) still include "agricultural crops," the Agricultural Applications section is retained on both sublabels, and agricultural plants are discussed in the Disclaimer section of both sublabels.
- 5) In the plant listing under Ornamental Applications on all three sublabels, correct the spelling of "Delphinium" and "Phlox."
- 6) In item two of the Certification with Respect to Citation of Data Form, you have entered EPA Reg. No. 107724 information rather than the active ingredient name. Therefore, the form must be corrected. Note that since your submission, this form has been revised (Pesticide Registration (PR) Notice 98-5, enclosed). You must therefore use the revised data compensation and data matrix forms for your resubmission.





Should you have any questions or concerns, please contact me, or telephone Denise Greenway on (703) 308-8263.

Sincerely,

A handwritten signature in cursive script, appearing to read "Janet L. Andersen".

Janet L. Andersen, Ph.D.  
Director  
Biopesticides and Pollution  
Prevention Division (7511C)

Enclosure







January 6, 1999

Ms. Denise Greenway  
U. S. Environmental Protection Agency  
401 M Street S. W.  
Washington, DC 20460

Dear Ms. Greenway:

Please consider this your authorization to release and accept information from Leonard R. Hauptert for EPA file 70870-R as well as any subsequent E. P. A. submissions by H & I Agritech, Inc.

Mr. Hauptert is a member of the staff at H & I Agritech and will be involved in the regulatory issues undertaken by this company.

Sincerely Yours,

A handwritten signature in cursive script, appearing to read "R. Kenneth Horst".

R Kenneth Horst  
President and C.E.O.



H&amp;I AGRITECH, INC.

BOX 1030, 95 BROWN RD., ITHACA, NY 14850

VOICE: (607) 266-0181 • FAX: (607) 266-0193



## (FAX) TRANSMITTAL SHEET

Number of pages in this transmittal (including this page) 2TO: Name Denise GreenwayDate Faxed 1/6/99FAX # (703) 305-0118Telephone (703) 308-8263Time Faxed 11:55 AMFROM: Name R. K HorstTelephone (607) 266-0181

FAX Dispatcher \_\_\_\_\_

DELIVERY INSTRUCTIONS: ( ) urgent ☒ routine

( ) call addressee for pickup

☒ put in mail box

( ) other \_\_\_\_\_

## BRIEF MESSAGE

Denise Here's the letter of Auth. you requested  
from Mr. Leonard Hauptert

Thanks for your assistance.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 23 1998

5553686 | 160  
- | 10

R. Kenneth Horst  
H & I Agritech, Inc.  
95 Brown Road  
Box 1030  
Ithaca, NY 14850-1257

Dear Dr. Horst:

Subject: Agricure  
EPA File Symbol 70870-R  
Your Correspondence of May 21, 1998

The cited correspondence represents an application for a "me-too" registration based upon EPA Reg. No. 10772-4.

The application referred to above has been determined, pursuant to 40 CFR 152.105, not sufficiently complete to process; therefore, the application is considered deficient. Labeling/other information as specified below must be submitted before the processing of the application can be completed. If such deficiencies cannot be corrected within 75 days, you must notify the Agency within those 75 days of the date you expect to complete the application. If, after 75 days you do not respond, or you subsequently fail to complete the application within the time scheduled for completion, the Agency will terminate any action on the application, and will treat the application as if it has been withdrawn by the applicant. Any subsequent submission relating to the application must be submitted as a new application.

1) You declared on EPA Form 8570-1 that the product container size is to be six ounces. Each of the submitted sublabels (A, B, and C) indicates net weights in excess of six ounces. The application instructions for all but the homeowner sublabel bear instructions to apply amounts that exceed six ounces. This is not acceptable and must be resolved by revising either the Form or the sublabels.

*form revision  
still not  
adequate*

		CONCURRENCES					
SYMBOL	7511C	7511C	7511C				
SURNAME	Greenway	KN04	Boyle				
DATE	12/23/98	12/23/98	12/23/98				

EPA Form 1320-1A (1/90) Printed on Recycled Paper OFFICIAL FILE COPY



2) Because sublabel B is for product in water soluble packaging (WSP), Section III of the EPA Form 8570-1 must be revised to reflect the use of that type of packaging.

*one for  
form  
revision*

3) All submitted sublabels bear the product and company name of EPA Reg. No. 10772-4. Your draft label must be revised to carry only the proposed name ("Agricure") of your own pending product. Only your company name should appear on the label. Because the Confidential Statement of Formula (CSF) indicates that H & I Agritech, Inc. is not the producer, your company name must be preceded on the front panel of the label by "Produced For:" or similar wording, in accordance with 40 CFR 156.10 (c).

✓  
✓  
✓

4) Although your letter states that your proposed labeling is identical to that of EPA Reg. No. 10772-4, our review revealed discrepancies between the two. First, the Container Disposal text of the Storage and Disposal section of the sublabel A (commercial/subject to the Worker Protection Standard (WPS)) appears to have been switched with that intended for sublabel B (commercial/subject to WPS/Water Soluble Packaging (WSP)). We believe that this was caused by a collating error (the switching of label pages 11 and four) Please confirm this assessment. Second, sublabels A and B have been altered by substituting "greenhouse" for "agricultural" under the heading General Information (see label pages four and 11) . This alteration is not acceptable because it is not uniformly applied throughout the labeling: the product descriptions on the master label cover page and on the first page of both sublabels (A and B) still include "agricultural crops," the Agricultural Applications section is retained on both sublabels, and agricultural plants are discussed in the Disclaimer section of both sublabels.

*non WSP  
WSP  
fixed*  
  
*✓ greenhouse  
was deleted  
& ag was  
retained/reinstated*

5) In the plant listing under Ornamental Applications on all three sublabels, correct the spelling of "Delphinium" and "Phlox."

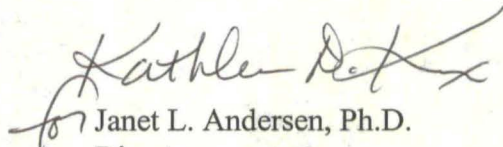
✓

6) In item two of the Certification with Respect to Citation of Data Form, you have entered EPA Reg. No. 107724 information rather than the active ingredient name. Therefore, the form must be corrected. Note that since your submission, this form has been revised (Pesticide Registration (PR) Notice 98-5, enclosed). You must therefore use the revised data compensation and data matrix forms for your resubmission.



Should you have any questions or concerns, please contact me, or telephone Denise Greenway on (703) 308-8263.

Sincerely,



for Janet L. Andersen, Ph.D.

Director

Biopesticides and Pollution

Prevention Division (7511C)

Enclosure

DGreenway/308-8263/12-23-98/agricure.wpd/sodium bicarbonate

*potassium*

*DLG*



# ROUTING AND TRANSMITTAL SLIP

Date

12/23/98

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1.

Roy

pls concur

JMO

12/22

2.

Kathleen

pls sign

FK

12/23

3.

4.

5.

Denise to issue & file

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

## REMARKS

This letter informs a "me-too" applicant of the deficiencies of the package.

RECEIVED

#204  
DEC 23 1998

OPP/BPPD

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Denise

Phone No.

3088263

5041-102

☆ U.S. G.P.O.: 1994 300-891/80020

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206



# BPPD PRAT ACTION CODING FORM

PM 90: Janet Andersen

REVIEWER: DMISL GREENWAY

(ASSIGNED BY: STUBBINS)

EPA REG./FILE SYMBOL 70870-R

ACTION CODE 300 160 me-too

SUBMISSION BARCODE 5553686

Date on Application

5-28-98

EPA Received Date

5-28-98

PM Received Date

6-3-98 *see above*

Assigned in PRAT YES ☐

NO ☒

*no PC code*

Completed by: S. Diana Hudson *sdh*

Date 7/2/98

.....

## FINAL ACTION

Response Code 10

Response Date: 12/23/98

MOS:            (1) Cite-All

           (4) Not Applicable

           (8) Selective

CRP: Yes ☐ No ☐

Restricted Use: Yes ☐ No ☐

Manufacturing Use: Yes ☐ No ☐

Exclusive Use: Yes ☐ No ☐

*From H+I  
Lallie Van Hynning  
called for Status*

*667 266-0181*

*on 7/17/98:*

*Told her it was reld. to in  
queue for review*

*she called again on 7/24/98*

*Len Hupert*

*On Cert w/ Respect to } item 2 should  
Citation of Data } have as not EP*

*On draft label } name should be  
changed to } "Agriculture" } many  
other  
issues  
see  
markup*

*CSF questions*

*note draft label has Domanski's name*

*Also - has C&D name/address*

*need est. no.*

*form says just 602 size but label*

*lists 2.5 lb → 100 lb*

*if want 602, must redo rates - probably no*

*MG USE*



FRONT END PROCESSING FORM TO FILE ROOM

DATE

5-29-98

FILE NUMBER

70870-R

☒ No Data - File Room "Make Ready for (91) R. J. Hlad"  
(PM or Individual)

☐ Data - File Room "Assign Jacket to Shelf"

☐ Rejected - File Room "Assign Jacket to Rejected Shelf"

*In PLAT<sup>e</sup>*  
*6-2-98*



# FAST TRACK

Expedited Processing



NEW REGISTRATION OR NEW EUP

*1 pp # 263895*

FAST TRACK \*  
APPLICATION FOR NEW REGISTRATION

<u>WITH DATA</u>	Init.	Date	<u>NO DATA</u>	Init.	Date
FEU	_____	_____	FEU	<i>fu</i>	<i>529-98</i>
Fileroom/JACKETS	_____	_____	Fileroom/JACKETS	_____	_____
SIG (DATA)	_____	_____	PM <i>9/</i>	_____	_____
Fileroom/JACKETS	_____	_____			
PM _____	_____	_____			

REGULAR APPLICATION FOR NEW APPLICATION  
OR  
EXPERIMENTAL USE PERMIT

Includes new petition for Tolerance: YES or NO

<u>WITH DATA</u>	Init.	Date	<u>NO DATA</u>	Init.	Date
FEU	_____	_____	FEU	_____	_____
Fileroom/JACKETS	_____	_____	Fileroom/JACKETS	_____	_____
SIG (DATA)	_____	_____	PM _____	_____	_____
Fileroom/JACKETS	_____	_____			
PM _____	_____	_____			

\* Front End Processing determined this application qualifies for fast track review based of registrants claim of "me-too". No screen for substantial similarity is made by the Front End Processing Section.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

05/29/98

R KENNETH HORST  
H&I AGRITECH, INC  
BOX 1030, 95 BROWN RD  
ITHACA NY 14850

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

PRODUCT NAME: AGRICURE  
COMPANY NAME: H&I AGRITECH, INC  
OPP IDENTIFICATION NUMBER: 263895  
EPA FILE SYMBOL: 70870-R  
EPA RECEIPT DATE: 05/28/98

SUBJECT: RECEIPT OF APPLICATION FOR A NEW ME-TOO REGISTRATION

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for a new 'me-too' registration and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Phil Hutton, Product Manager 90, at (703)-308-8260.

Sincerely,

A handwritten signature in cursive script that reads "J. Wrice".

Front End Processing Staff  
Information Services Branch  
Program Management and Support Division





United States  
Environmental Protection Agency  
Washington, DC 20460

☒ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number  
**263895**  
**263702**

### Application for Pesticide - Section I

1. Company/Product Number 70870-R	2. EPA Product Manager J. Anderson Roy Sjoberg	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) H & I Agritech, Inc.	PM# 21 91	
5. Name and Address of Applicant (Include ZIP Code) H & I Agritech, Inc. 95 Brown RD Box 1030 Ithaca, NY 14850-1257 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 10772-4 Product Name Armicarb <sup>TM</sup> 100	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

### Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. 24/case	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 6 oz.	5. Location of Label Directions <input type="checkbox"/> on package
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name R. Kenneth Horst	Title President/CEO	Telephone No. (Include Area Code) 607-266-0181	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature R. Kenneth Horst	3. Title President/CEO		
4. Typed Name R. Kenneth Horst	5. Date 4-29-98		





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

263895

## Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name)	PM#	
5. Name and Address of Applicant (Include ZIP Code)  <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

- VOID -

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must submitted				<input type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Glass	
			No. per container	<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name		Title		Telephone No. (Include Area Code)	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received  (Stamped)
2. Signature		3. Title			
4. Typed Name		5. Date			



## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

**PAPERWORK REDUCTION ACT NOTICE:** Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

**INSTRUCTIONS:** This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

**Submission of Labeling** - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

**Submission of Data** - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

**SPECIFIC INSTRUCTIONS:** Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

**Block A** - Check the appropriate action for which you are submitting this form.

**SECTION I** - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

**SECTION II** - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

**SECTION III (Packaging and Container Information)** - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Specify the net contents of all retail containers for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product label is attached to retail container.

**SECTION IV (Contact Point)** - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
6. EPA Use Only.





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

263895

## Application for Pesticide - Section I

1. Company/Product Number -R	2. EPA Product Manager Roy Siobles	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name)	PM# 91	
5. Name and Address of Applicant (Include ZIP Code)  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

- VOID -

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt. _____ No. per container _____	If "Yes" Package wgt. _____ No. per container _____		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)				
Name		Title		Telephone No. (Include Area Code)
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.				6. Date Application Received (Stamped)
2. Signature		3. Title		
4. Typed Name		5. Date		



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- 1-5. Self-explanatory.
6. EPA Use Only.





United States  
Environmental Protection Agency  
Washington, DC 20460

Form Approved  
OMB No. 2070-0060

Certification with Respect to Citation of Data

Applicants Name and Address  
H & I Agritech, Inc.  
95 Brown RD  
Box 1030  
Ithaca, NY 14850-1257

EPA File Symbol/Registration Number

10870-R

Product Name H & I Agritech, Inc.

Date of Application April 29, 1998

**NOTE:** If your product is a 100% repackaging of another EPA-registered product that you purchase, and is labeled for the same uses, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

1. This application is supported by all data submitted or cited in the application. In addition, if cite-all options are indicated, this application is supported by all data in the Agency's files that concern the properties or effects of this product that is identical or substantially similar and that is one of the types of data that would be required to be submitted if this application sought the initial registration of a product of identical or similar composition and intended uses under the data requirements in effect on the date of approval of this application. (Check the appropriate boxes, in items 2 and 3, or 4 below that pertain to your application.)

2. I certify that, for each study cited in support of this application for registration that is an exclusive use study.

☐ I am the original submitter\*; or

☒ I have obtained the written permission of the original submitter for Armicarb 100 <sup>TM</sup> (EPA Reg. No. 10772-4), which is

Church & Dwight Co., Inc. (for multiple chemicals link the companies who are original data submitters  
(insert names of companies)  
with the appropriate chemical name) to cite that study\*

3. I certify that, for each study cited in support of this application for registration that is not an exclusive use study;

a. ☐ I am the original data submitter\*; or

☐ I have obtained the written permission of the original data submitter for \_\_\_\_\_, which is  
(insert name of chemical)  
(insert names of companies) (for multiple chemicals link the companies who are original data submitters  
with the appropriate chemical name) to cite that study\*; or

b. ☐ I have notified in writing the companies \_\_\_\_\_ for \_\_\_\_\_ that  
(insert names of companies) (insert name of chemical)

have submitted data I have cited to support this application and have offered to: (a) Pay compensation for those data in accordance with section 3(c)(1)(F) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA); and (b) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA and the amount and terms of compensation due, if any. The companies I have notified are:

Companies \_\_\_\_\_ for \_\_\_\_\_ (for multiple  
(insert names of companies) (insert name of chemical)  
chemicals link the companies who are original data submitters with the appropriate chemical name)  
listed on the Pesticide Data Submitters List for all active ingredients contained in my product (cite-all  
method or cite-all option under Selective Method\*). (Also, sign the General Offer Statement below).  
Companies \_\_\_\_\_ for \_\_\_\_\_ (for multiple  
(insert names of companies) (insert name of chemical)  
chemicals link the companies who are original data submitters with the appropriate chemical name)  
that have submitted the studies which I have cited (Selective method\*).

4. ☐ I certify that for each study cited in support of this application I am not required to offer data compensation or obtain written permission because all time periods for exclusive use and data compensation have expired.

\* A Data Matrix identifying these studies is attached. (Note: a Data Matrix is not required under the cite-all method)

Signature R. Kenneth Horst

Name and Title R. Kenneth Horst, President

Date 4-29-98

General Offer to Pay: I hereby offer and agree to pay compensation to other persons, with regard to the approval of this application, to the extent required.

Signature

Name and Title

Date





United States

Environmental Protection Agency

Washington, DC 20460

# Formulator's Exemption Statement

(40 CFR 152.85)

Replacement  
form of 2/11/99  
is missing  
entry form 1

Applicant's Name and Address

H & I Agritech, Inc.  
95 Brown RD  
Box 1030  
Ithaca, NY 14850-1257

EPA File Symbol/Registration Number

70870-R

Product Name

H &amp; I Agritech, Inc. X

Date of Confidential Statement of Formula (EPA Form 8570-4)

4-29-98

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Potassium Bicarbonate

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:



(A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR



(B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

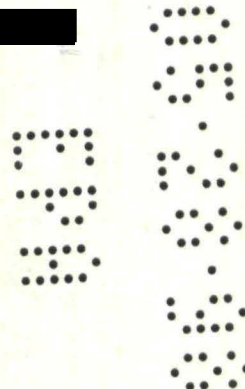
## Source

Active Ingredient

Product Name

Registration Number

Potassium Bicarbonate



Signature

Name and Title

R. Kenneth Horst, President

Date

4-29-98





U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, D.C. 20460

# DATA REFERENCE SHEET

(See instructions on the back of the last page before completing.)

1. PAGE

1 OF 2

2. EPA REGISTRATION NO./FILE SYMBOL

70870-R

## 3. APPLICANT'S NAME AND ADDRESS

H & I Agritech, Inc.  
95 Brown Road, box 1030  
Ithaca, NY 14850-1257

## 4. PRODUCT NAME

Agricure

## 5. PRODUCT MANAGER

Janet Anderson

## 6. TO ACCOMPANY APPLICATION FOR REGISTRATION DATED:

4-28-98

7. NAME OF STUDY	SOURCE OF STUDY		f. ACCESSION NUMBER (if known)		
	a. APPLICANT CONDUCTED STUDY (mark 'X')	b. OBTAINED FROM EPA (mark 'X')			
		c. OBTAINED FROM ANOTHER FIRM OR SOURCE (give name and address)	d. OBTAINED FROM PUBLIC LITERATURE (give reference)	e. OTHER (explain)	
Single Dose Oral Toxicity Rats / LD 50 Guideline Ref. No. 81-1		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 0 0 1 0 0 1
Acute Dermal Toxicity Rabbits / LD 50 Guideline Ref. No. 81-2		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 0 0 1 0 0 2
Primary Eye Irritation In Albino Rabbits guideline ref. No. 81-4		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 0 0 1 0 0 4
Primary Dermal Irritation In Albino rabbits		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 0 0 1 0 0 3
Delayed Contact Sensitization Buehler Method Guideline Ref. No. 81-6		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 0 0 1 0 0 5
Inhalation Toxicity in Rats Guideline Ref. No. 81-3		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 0 0 1 0 0 6
Product chemistry		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 1
Valuation of Analytical Method		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 2
Measurement of pH		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 3
Acute Toxicity - Daphnia		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 4

⬅ If you marked "X" in this column, do you wish your name placed on the Data Submitters List?

☐ YES  
☒ NO



## DATA REFERENCE SHEET

1. PAGE

2 OF 2

2. EPA REGISTRATION NO./FILE SYMBOL

70870-R

## 4. PRODUCT NAME

Agricure

### 5. PRODUCT MANAGER

~~Janet Andersen~~

6. TO ACCOMPANY APPLICATION  
FOR REGISTRATION DATED:

4-28-98

## 7. NAME OF STUDY

**a. APPLICANT  
CONDUCTED  
STUDY**  
(mark 'X')

b. OBTAINED  
FROM EPA  
(mark 'X')

**C. OBTAINED FROM ANOTHER FIRM OR SOURCE**  
(give name and address)

d. OBTAINED FROM  
PUBLIC LITERATURE  
(give reference)

8. OTHER  
(explain)

f. ACCESSION  
NUMBER  
(if known)

Addendum for Inhalation Study

Church & Dwight, Co.  
469 North Harrison ST  
Princeton, NJ 08543-5297

4	4	4	5	2	8	0	0
---	---	---	---	---	---	---	---

Supplemental Information-Eye Irritation/Corrosion-Rabbits

Church & Dwight, Co.  
469 North Harrison ST  
Princeton, NJ 08543-5297

4	4	4	5	2	8	0	0
---	---	---	---	---	---	---	---

### Acute Toxicity for Bluegill/Sunfish

Church & Dwight, Co.  
469 North Harrison ST  
Princeton, NJ 08543-5297

4	4	3	2	6	2	0	5
---	---	---	---	---	---	---	---

# Acute Toxicity to Rainbow Trout

Church & Dwight, Co.  
469 North Harrison ST  
Princeton, NJ 08543-5297

4	4	3	2	6	2	0	6
---	---	---	---	---	---	---	---

A 3x3 grid of dots forming the number 543. The first row contains 5 dots, the second row contains 4 dots, and the third row contains 3 dots.

➔ If you marked "X" in this column, do you wish your name placed on the Data Submitters List?

☐ YES  
☒ NO





U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, D.C. 20460

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95 Brown Road, box 1030  
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4. PRODUCT NAME

Agricure

5. PRODUCT MANAGER

Janet Anderson 91

6. TO ACCOMPANY APPLICATION FOR REGISTRATION DATED:

4-28-98

SOURCE OF STUDY

7. NAME OF STUDY	a. APPLICANT CONDUCTED STUDY (mark 'X')	b. OBTAINED FROM EPA (mark 'X')	c. OBTAINED FROM ANOTHER FIRM OR SOURCE (give name and address)	d. OBTAINED FROM PUBLIC LITERATURE (give reference)	e. OTHER (explain)	f. ACCESSION NUMBER (if known)
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Product chemistry			Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 1
Valuation of Analytical Method	X		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 2
Measurement of pH	X		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 3
Acute Toxicity - Daphnia	X		Church & Dwight, Co. 469 North Harrison ST Princeton, NJ 08543-5297			4 4 3 2 6 2 0 4

If you marked "X" in this column, do you wish your name placed on the Data Submitters List?

☐ YES  
☒ NO



## DATA REFERENCE SHEET

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70870-R

## 4. PRODUCT NAME

Agricure

### 5. PRODUCT MANAGER

~~Janet Andersen~~ / 2A 1000

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FOR REGISTRATION DATED:

4-28-98

## 7. NAME OF STUDY

<p><b>a. APPLICANT CONDUCTED STUDY</b></p> <p>(mark 'X')</p>	<p><b>b. OBTAINED FROM EPA</b></p> <p>(mark 'X')</p>
--	--

b. OBTAINED  
FROM EPA  
(mark 'X')

**d. OBTAINED FROM  
PUBLIC LITERATURE**  
(give reference)

f. **ACCESSION  
NUMBER**  
(if known)

4	4	4	5	2	8	0	0
---	---	---	---	---	---	---	---

4	4	4	5	2	8	0	0
---	---	---	---	---	---	---	---

4	4	3	2	6	2	0	5
---	---	---	---	---	---	---	---

4	4	3	2	6	2	0	6
---	---	---	---	---	---	---	---

☐ YES  
☒ NO



A Fh

B

H&I AGRITECH, INC.

BOX 1030, 95 BROWN RD., ITHACA, NY 14850

VOICE: (607) 266-0181 • FAX: (607) 266-0193



RECEIVED  
5/26/98  
BARD

May 21, 1998

70870-R

Dr. Janet L. Andersen  
Biopesticides and Pollution (PM 90) Prevention Division (7501 W)  
United States Environmental Protection Agency  
401 "M" ST SW  
Washington, D.C. 20460

Dear Dr. Anderson:

I am submitting a "Me Too" Application for H & I Agritech's product named Agrisure. In accordance with FIFRA Section 3(c) (3) (b) (i) Agrisure is identical in composition and labeling to Armicarb<sup>TM</sup> 100, EPA Registration Number 10772-4. Along with this application I have provided 3 copies each of the following labels:

- only 1 of each found*
- A: Sublabel - Commercial Products: For Commercial Applicators Subject to Worker Protection Standard
  - B: Sublabel - Commercial Products: For Commercial Applicators Subject to Worker Protection Standard - Water Soluble Packaging Label
  - C: Sublabel - Household Products: For Non-Commercial Applicators (Not Subject to Worker Protection Standard)

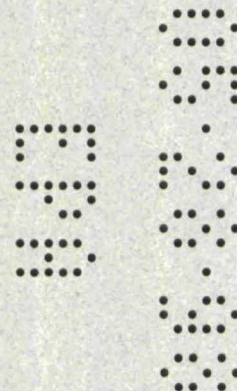
*x not true  
changed  
ag → armicarb  
determine  
change*

Thank you for your prompt consideration.

Sincerely,

*R. Kenneth Horst*

Dr. R. Kenneth Horst, President / CEO





**Master Label**

ARMICARB™100

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS

**ACTIVE INGREDIENT:**

Potassium Bicarbonate.....85.00%

**INERT INGREDIENTS:**.....15.00%

**TOTAL**.....100.00%

- A: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD**
- B: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD - WATER  
SOLUBLE PACKAGING LABEL**
- C: SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL  
APPLICATORS (NOT SUBJECT TO WORKER PROTECTION  
STANDARD)**



**SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD**

**ARMICARB™ 100**

**A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS**

This package can treat up to \_\_\_\_\_ acre(s) at the recommended maximum treatment rate.

**ACTIVE INGREDIENT:**

Potassium Bicarbonate.....85.00%

**INERT INGREDIENTS.....15.00%**

**TOTAL.....100.00%**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See side (or back) panel for the Statement of Practical Treatment.

Net weight: 2.5 lbs (1.14 kg)  
5 lbs (2.27 kg)  
10 lbs. (4.54 kg)  
25 lbs. (11.35 kg)  
50 lbs. (22.7 kg)  
100 lbs. (45.4 kg)

*form claims  
6 oz size only*

CHURCH & DWIGHT CO., INC.  
469 N. HARRISON STREET  
PRINCETON, NJ 08543

*see 156.10(c)*

EPA REG. NO.  
EPA EST. NO.

*70870-R*



*unqualified = producer*

*note 2 diff addresses for "producer" on CSF*

*produced for:  
H&I Agritech*



**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call physician or get medical attention. Do not induce vomiting. Drink several glasses of water to dilute the product. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Prevent exposure to moisture. Keep container tightly closed and out of the reach of children. Avoid contamination with other pesticides or fertilizers.

**PESTICIDE SPILL PROCEDURE:** In case of a spill, carefully sweep up the material to avoid generating dust. Store in a labeled container for disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Place inner bag into mixing tank. Dispose of empty outer bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### GENERAL INFORMATION

ARMICARB™ 100 is a broad spectrum fungicide that controls a variety of diseases on woody and herbaceous ornamental crops, and on greenhouse crops.

H:\DOMANSKI\LAB-ARM\ARM100.DOC

5/4/98

11



ARMICARB™ 100 is applied with ground equipment using a sufficient volume of water to insure complete coverage of all foliage.

**IMPORTANT:** Read the entire label before using ARMICARB™ 100. Consult your State Agricultural Experiment Station or Extension Service Specialist for additional information on timing of applications, rates, and any additional requirements or restrictions.

## MIXING INSTRUCTIONS

ARMICARB™ 100 must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

1. Fill tank with 1/4 to 1/2 of the required volume of water prior to the addition of ARMICARB™ 100. Start mechanical or hydraulic agitation.
2. Slowly add the required amount of ARMICARB™ 100 to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

**DO NOT MIX WITH OTHER PESTICIDE PRODUCTS OR SPRAY ADJUVANTS.**

## SPRAY APPLICATION METHOD

For best results, use a properly calibrated, high pressure sprayer. Check equipment calibration frequently. **Do not apply this product through any type of irrigation system.**

*form claims 602 package size see also pg 2*  
Apply at a concentration of 2.5 to 5 pounds of ARMICARB™ 100 per acre, in 100 to 200 gallons of water. Use a sufficient volume of solution to obtain adequate coverage of foliage and stems. Apply so that all exposed parts of the plants are contacted. Uniform and complete coverage of the foliage are essential for the most effective results. Do not exceed a use rate of 5 pounds of ARMICARB™ 100 per acre, per application.

**Do not store unused spray solution. Dispose of unused solution on site.**

## APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather.



## ORNAMENTAL APPLICATIONS:

### PLANT TYPES

Woody and ornamental shade trees  
Woody and herbaceous ornamentals  
Ornamental nut and fruit trees

### FOR USE ON:

Ageratum  
Ajuga  
Almond-Ornamental  
Alyssum  
Andromeda  
Aphelandra  
Apple-Ornamental  
Apricot-Ornamental  
Artemisia  
Aster  
Azalea  
Boxwood  
Calendula  
Carnation  
Centaurea montana  
Cherry-Ornamental  
Chrysanthemum  
Cineraria  
Coleus  
Columbine  
Coral Bells  
(Heuchera)  
Crape Myrtle

Crassula  
Croton  
Delphinium  
Dianthus  
Dizygotheca  
Dogwood  
English Ivy  
Episcia  
Euonymus  
Forsythia  
Gazania  
Geranium  
Gladiolus  
Gloxinia  
Gypsophila  
Hawthorn  
Heliopsis scabra  
Holly  
Hoya  
Hydrangea  
Impatiens  
Iris  
Juniper

Kalanchoe  
Lemon balm  
Lipstick balm  
Lipstick Vine  
(Aeschynanthus)  
Marigold  
Monarda (Bee Balm)  
Nectarine-Ornamental  
Pachysandra  
Palm  
Pansy  
Peach-Ornamental  
Peperomia  
Periwinkle  
Philodendron  
Phylox  
Pilea  
Pine  
Pittosporum  
Plum-Ornamental  
Poinsettia  
Poppy  
Pothos

Primrose  
Privet  
Protea  
Prune-Ornamental  
Pulmonaria  
Pyracantha  
Rhododendron  
Rose  
Rose-of-Sharon  
Schefflera  
Snapdragon  
Statice  
Tree Ivy  
Verbena  
Viburnum  
Violet  
Zinnia

### DISEASES CONTROLLED

Alternaria blight	Fusarium leaf spot
Anthraxnose	Helminthosporium leaf spot
Ascochyta blight	Ink spot
Black Spot	Phomopsis blight
Botrytis blight	Powdery mildew
Botrytis gray mold	Ovulinia sp.
Cercospora leaf spot	Ramularia leaf spot
Corynespora leaf spot	Ray blight
Didymellina leaf spot	
Diplodia tip blight	Scab
Entomosporium leaf spot	Septoria leaf spot



## AGRICULTURAL APPLICATIONS:

### FOR USE ON:

Acorn squash  
Apples  
Apricots  
Alfalfa  
Barley  
Bell pepper  
Blueberries  
Cabbage  
Cantaloupe  
Cherries  
Cucumber

Grapes  
Honeydew  
Hops  
Lettuce  
Mango  
Muskmelon  
Peaches  
Pears  
Peas  
Plums  
Potatoes

Prunes  
Pumpkin  
Strawberries  
Sugar beets  
Summer squash  
Sweet potatoes  
Tomatoes  
Watermelon  
Wheat  
Zucchini

### DISEASES CONTROLLED:

Alternaria leaf spot  
Anthracnose  
Botrytis  
Downy mildew  
Fusarium leaf spot

Leaf spot  
Phoma  
Phytophthora  
Powdery mildew

### NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

### IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

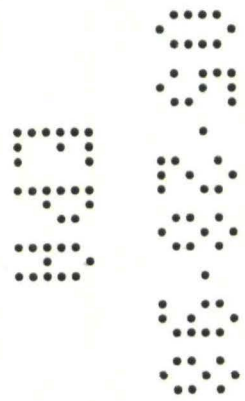
This product has been researched to provide necessary data to support its use on the ornamental and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

**NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE.** The exclusive remedy of the user or Buyer, and the limit of liability of Church & Dwight Co., Inc. or any other Seller, for any and all losses, injuries or damages resulting from the



use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of Church & Dwight Co., Inc.

can't say  
C & D





**SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS  
SUBJECT TO WORKER PROTECTION STANDARD - WATER  
SOLUBLE PACKAGING LABEL**

**ARMICARB™ 100 WATER  
SOLUBLE PACKAGE**

**A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND AGRICULTURAL CROPS**

This package can treat up to \_\_\_\_\_ sq. ft. (acres) at the recommended maximum treatment rate.

**ACTIVE INGREDIENT:**

Potassium Bicarbonate.....85.00%

INERT INGREDIENTS.....15.00%

TOTAL.....100.00%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See side (or back) panel for the Statement of Practical Treatment.

Net weight:

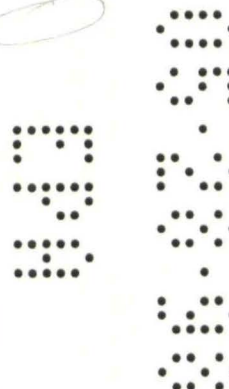
8. oz. (227 g)  
2.5 lbs. (1.14 kg)

*602 declared  
on form*

*change to H+I  
or monoborated for H+I  
or whatever*

**CHURCH & DWIGHT CO., INC.  
469 N. HARRISON STREET  
PRINCETON, NJ 08543**

EPA REG. NO. 70870-R  
EPA EST. NO.           





**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call physician or get medical attention. Do not induce vomiting. Drink several glasses of water to dilute the product. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Prevent exposure to moisture. Keep container tightly closed and out of the reach of children. Avoid contamination with other pesticides or fertilizers.

**PESTICIDE SPILL PROCEDURE:** In case of a spill, carefully sweep up the material to avoid generating dust. Store in a labeled container for disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### GENERAL INFORMATION

**ARMICARB™ 100** is a broad spectrum fungicide that controls a variety of diseases on woody and herbaceous ornamental crops, and on greenhouse crops.

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5/4/98

4

*Swapped out  
pg 11, believe*

*changed from  
as on 10772-4  
note not changed  
to react, however*

*Does not  
match  
10772-4  
WSP text*

*I believe pages  
were inadvertently  
switched*



*Should they have sought a distributorship instead?  
or repack?*

ARMICARB™ 100 is applied with ground equipment using a sufficient volume of water to insure complete coverage of all foliage.

**IMPORTANT:** Read the entire label before using ARMICARB™ 100. Consult your State Agricultural Experiment Station or Extension Service Specialist for additional information on timing of applications, rates, and any additional requirements or restrictions.

### MIXING INSTRUCTIONS

ARMICARB™ 100 must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

1. Fill tank with 1/4 to 1/2 of the required volume of water prior to the addition of ARMICARB™ 100 package. Start mechanical or hydraulic agitation.
2. Add the package(s) of ARMICARB™ 100 to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

**DO NOT MIX WITH OTHER PESTICIDE PRODUCTS OR SPRAY ADJUVANTS.**

### SPRAY APPLICATION METHOD

For best results, use a properly calibrated, high pressure sprayer. Check equipment calibration frequently. Do not apply this product through any type of irrigation system.

(8 oz. package)

*size doesn't match form*

Apply at a rate of one package of ARMICARB™ 100 for 8700 sq/ft (2/10 acre) in 20 to 40 gallons of water. For maximum treatment rate, use one package of ARMICARB™ 100 for 4350 sq. ft. (1/10 acre). Use sufficient volume of solution to obtain adequate coverage of foliage and stems. Apply so that all exposed parts of the plants are contacted. Uniform and complete coverage of the foliage are essential for the most effective results. Do not exceed the maximum recommended treatment rate of ARMICARB™ 100 per application.

Do not store unused spray solution. Dispose of unused solution on site.

(2.5 lb package)

*size "*

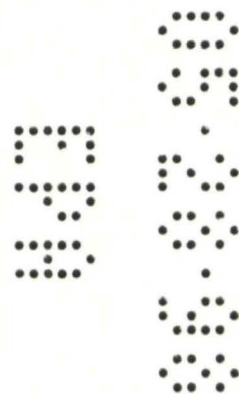
Apply at a rate of one package of ARMICARB™ 100 per one acre, in 100 to 200 gallons of water. For maximum treatment rate use one package of ARMICARB™ 100 per 1/2 acre (21,780 sq. ft.). Use sufficient volume of solution to obtain adequate coverage of foliage and stems. Apply so that all exposed parts of the plants are contacted. Uniform and complete coverage of the foliage are essential for the most effective results. Do not exceed the maximum recommended treatment rate of ARMICARB™ 100 per application.



Do not store unused spray solution. Dispose of unused solution on site.

#### APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather.





## ORNAMENTAL APPLICATIONS:

### PLANT TYPES

Woody and ornamental shade trees  
Woody and herbaceous ornamentals  
Ornamental nut and fruit trees

### FOR USE ON:

Ageratum  
Ajuga  
Almond-Ornamental  
Alyssum  
Andromeda  
Aphelandra  
Apple-Ornamental  
Apricot-Ornamental  
Artemisia  
Aster  
Azalea  
Boxwood  
Calendula  
Carnation  
Centaurea montana  
Cherry-Ornamental  
Chrysanthemum  
Cineraria  
Coleus  
Columbine  
Coral Bells  
(Heuchera)  
Crape Myrtle

Crassula  
Croton  
Delphinium  
Dianthus  
Dizygotheca  
Dogwood  
English Ivy  
Episcia  
Euonymus  
Forsythia  
Gazania  
Geranium  
Gladiolus  
Gloxinia  
Gypsophila  
Hawthorn  
Heliopsis scabra  
Holly  
Hoya  
Hydrangea  
Impatiens  
Iris  
Juniper

Kalanchoe  
Lemon balm  
Lipstick balm  
Lipstick Vine  
(Aeschynanthus)  
Marigold  
Monarda (Bee Balm)  
Nectarine-Ornamental  
Pachysandra  
Palm  
Pansy  
Peach-Ornamental  
Peperomia  
Periwinkle  
Philodendron  
Phylox  
Pilea  
Pine  
Pittosporum  
Plum-Ornamental  
Poinsettia  
Poppy  
Pothos

Primrose  
Privet  
Protea  
Prune-Ornamental  
Pulmonaria  
Pyracantha  
Rhododendron  
Rose  
Rose-of-Sharon  
Schefflera  
Snapdragon  
Statice  
Tree Ivy  
Verbena  
Viburnum  
Violet  
Zinnia

### DISEASES CONTROLLED

Alternaria blight  
Anthracnose  
Ascochyta blight  
Black Spot  
Botrytis blight  
Botrytis gray mold  
Cercospora leaf spot  
Corynespora leaf spot  
Didymellina leaf spot  
Diplodia tip blight  
Entomosporium leaf spot

Fusarium leaf spot  
Helminthosporium leaf spot  
Ink spot  
Phomopsis blight  
Powdery mildew  
Ovulinia sp.  
Ramularia leaf spot  
Ray blight  
Scab  
Septoria leaf spot



*see elxalox  
as spray*

**AGRICULTURAL APPLICATIONS:**

**FOR USE ON:**

Acorn squash  
Apples  
Apricots  
Alfalfa  
Barley  
Bell pepper  
Blueberries  
Cabbage  
Cantaloupe  
Cherries  
Cucumber

Grapes  
Hops  
Honeydew  
Lettuce  
Mango  
Muskmelon  
Peaches  
Pears  
Peas  
Plums  
Potatoes

Prunes  
Pumpkin  
Strawberries  
Sugar beets  
Summer squash  
Sweet potatoes  
Tomatoes  
Watermelon  
Wheat  
Zucchini

**DISEASES CONTROLLED:**

Alternaria leaf spot  
Anthracnose  
Botrytis  
Downy mildew  
Fusarium leaf spot

Leaf spot  
Phoma  
Phytophthora  
Powdery mildew

**NOTICE**

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

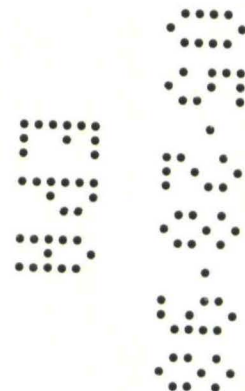
**IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its use on the ornamental and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

**NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE.** The exclusive remedy of the user or Buyer, and the limit of liability of Church & Dwight Co., Inc. or any other Seller, for any and all losses, injuries or damages resulting from the



use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of Church & Dwight Co., Inc.





**SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS  
(NOT SUBJECT TO WORKER PROTECTION STANDARD)**

**ARMICARB™100**

**A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW  
AND OTHER DISEASES ON ORNAMENTALS AND GARDEN CROPS**

**ACTIVE INGREDIENT:**

Potassium Bicarbonate.....85.00%

**INERT INGREDIENTS:**.....15.00%

**TOTAL**.....100.00%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See side (or back) panel for the First Aid Statement.

Net Weight:	6 oz.	(170 g)
	8 oz.	(227 g)
	1 lb.	(454 g)
	2.5 lbs.	(1.14 kg)

*does  
not  
match  
form*

**CHURCH & DWIGHT CO., INC.  
469 N. HARRISON STREET  
PRINCETON, NJ 08543**

**EPA REG. NO. 70870-R  
EPA EST. NO.**



**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**FIRST AID STATEMENT**

**If Swallowed:** Call a physician or get medical attention. Do not induce vomiting. Drink several glasses of water to dilute the product. Do not give anything by mouth to an unconscious person.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

*- more restrictive, so let it stand -*

*phrase existing for homeowner see LM ch 9  
the phrase is on the homeowner label for 10772-4...*

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**STORAGE AND DISPOSAL**

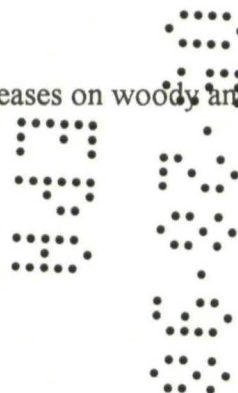
Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Prevent exposure to moisture.

**CONTAINER DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**GENERAL INFORMATION**

ARMICARB™100 is a broad spectrum fungicide that controls a variety of diseases on woody and herbaceous ornamental crops, and on garden crops.





ARMICARB™100 is applied with spray equipment using a sufficient volume of water to insure complete coverage of all foliage.

**IMPORTANT:** Read the entire label before using ARMICARB™100.

### MIXING and APPLICATION INSTRUCTIONS

ARMICARB™100 must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

Mix 2 level tablespoons of ARMICARB™100 per gallon of water. Do not exceed this use rate. Mix the solution thoroughly before use. One gallon of this solution is sufficient to treat approximately 450 square feet. Apply the solution to all exposed surfaces of the plant. Use a sufficient spray volume to obtain complete coverage of all foliage and stems. Uniform and complete coverage is essential for the most effective results.

**DO NOT STORE UNUSED SPRAY SOLUTIONS.**

**DO NOT MIX WITH OTHER PESTICIDE PRODUCTS OR SPRAY ADJUVANTS.**

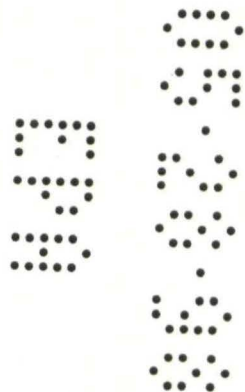
### APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather.

### ORNAMENTAL APPLICATIONS:

#### PLANT TYPES

Woody and ornamental shade trees  
Woody and herbaceous ornamentals  
Ornamental nut and fruit trees





## FOR USE ON:

Ageratum  
Ajuga  
Almond-Ornamental  
Alyssum  
Andromeda  
Aphelandra  
Apple-Ornamental  
Apricot-Ornamental  
Artemisia  
Aster  
Azalea  
Boxwood  
Calendula  
Carnation  
Centaurea montana  
Cherry-Ornamental  
Chrysanthemum  
Cineraria  
Coleus  
Columbine  
Coral Bells  
(Heuchera)  
Crape Myrtle

Crassula  
Croton  
Delphinium  
Dianthus  
Dizygotheca  
Dogwood  
English Ivy  
Episcia  
Euonymus  
Forsythia  
Gazania  
Geranium  
Gladiolus  
Gloxinia  
Gypsophila  
Hawthorn  
Heliopsis scabra  
Holly  
Hoya  
Hydrangea  
Impatiens  
Iris  
Juniper

Kalanchoe  
Lemon balm  
Lipstick balm  
Lipstick Vine  
(Aeschynanthus)  
Marigold  
Monarda (Bee Balm)  
Nectarine-Ornamental  
Pachysandra  
Palm  
Pansy  
Peach-Ornamental  
Peperomia  
Periwinkle  
Philodendron  
Phylloxera  
Pilea  
Pine  
Pittosporum  
Plum-Ornamental  
Poinsettia  
Poppy  
Pothos

Primrose  
Privet  
Protea  
Prune-Ornamental  
Pulmonaria  
Pyracantha  
Rhododendron  
Rose  
Rose-of-Sharon  
Schefflera  
Snapdragon  
Statice  
Tree Ivy  
Verbena  
Viburnum  
Violet  
Zinnia

## DISEASES CONTROLLED

Alternaria blight  
Anthracnose  
Ascochyta blight  
Black Spot  
Botrytis blight  
Botrytis gray mold  
Cercospora leaf spot  
Corynespora leaf spot  
Didymellina leaf spot  
Diplodia tip blight  
Entomosporium leaf spot

Fusarium leaf spot  
Helminthosporium leaf spot  
Ink spot  
Phomopsis blight  
Powdery mildew  
Ovulinia sp.  
Ramularia leaf spot  
Ray blight  
Scab  
Septoria leaf spot



## GARDEN APPLICATIONS:

### FOR USE ON:

Acorn squash  
Apples  
Apricots  
Bell pepper  
Blueberries  
Cabbage  
Cantaloupe  
Cherries  
Cucumber  
Grapes

Honeydew  
Lettuce  
Mango  
Muskmelon  
Peaches  
Pears  
Peas  
Plums  
Potatoes  
Prunes

Pumpkin  
Strawberries  
Summer squash  
Sweet potatoes  
Tomatoes  
Watermelon  
Zucchini

### DISEASES CONTROLLED:

Alternaria leaf spot  
Anthracnose  
Botrytis  
Downy mildew  
Fusarium leaf spot

Leaf spot  
Phoma  
Phytophthora  
Powdery mildew

## NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

### IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY.....

This product has been researched to provide necessary data to support its use on the ornamental and garden plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.



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